

Fig. 1

Man 6 GlcNAc₂

ASII
PROTEN

schematic diagram of a typical complex-type oligosaccharide

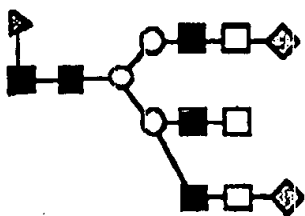
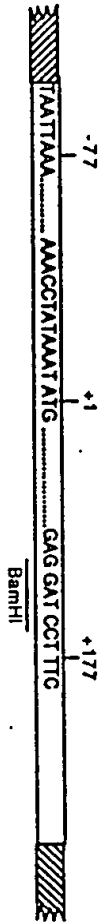
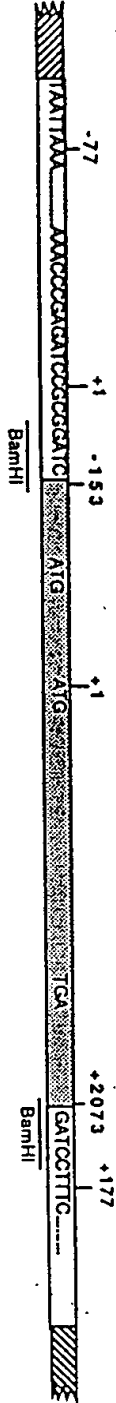


Fig. 2

POLYEDRN



P4C373.GCR2.2



pVL941.GCRD.21

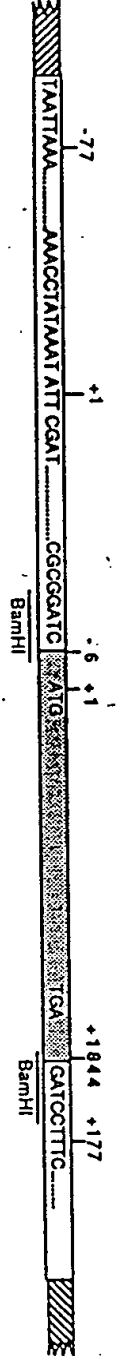


Fig. 3

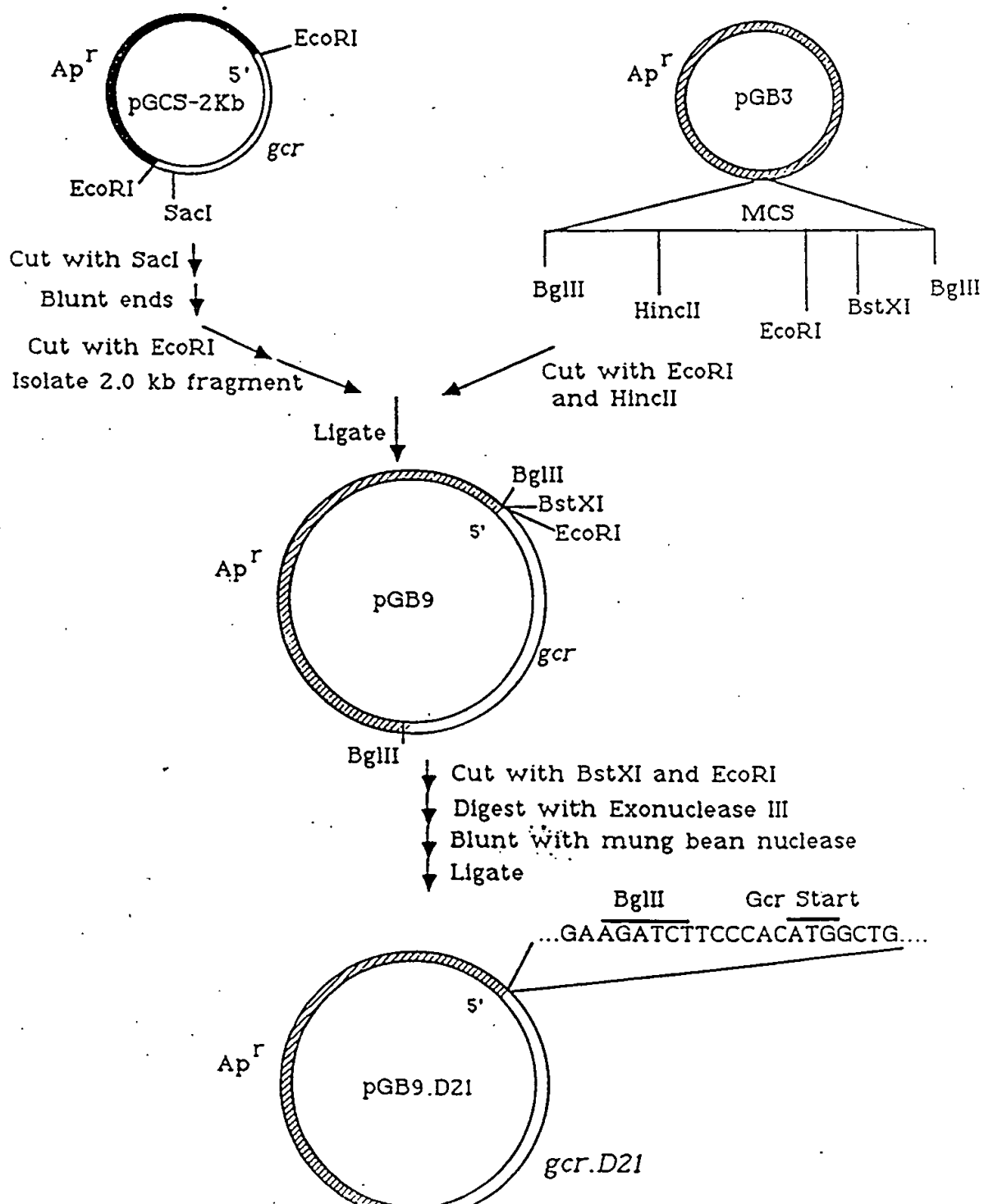


Fig. 4

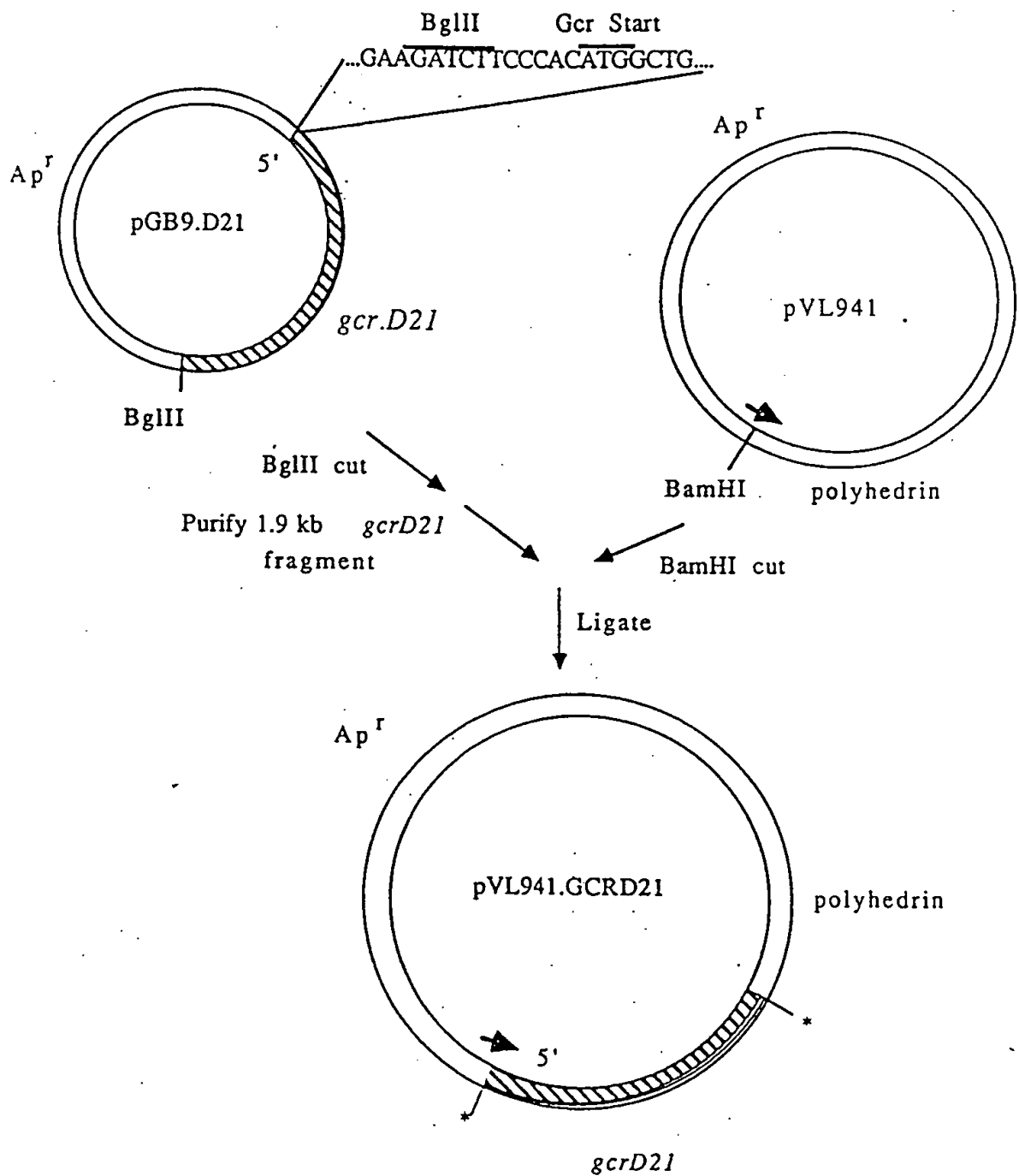


Fig. 5

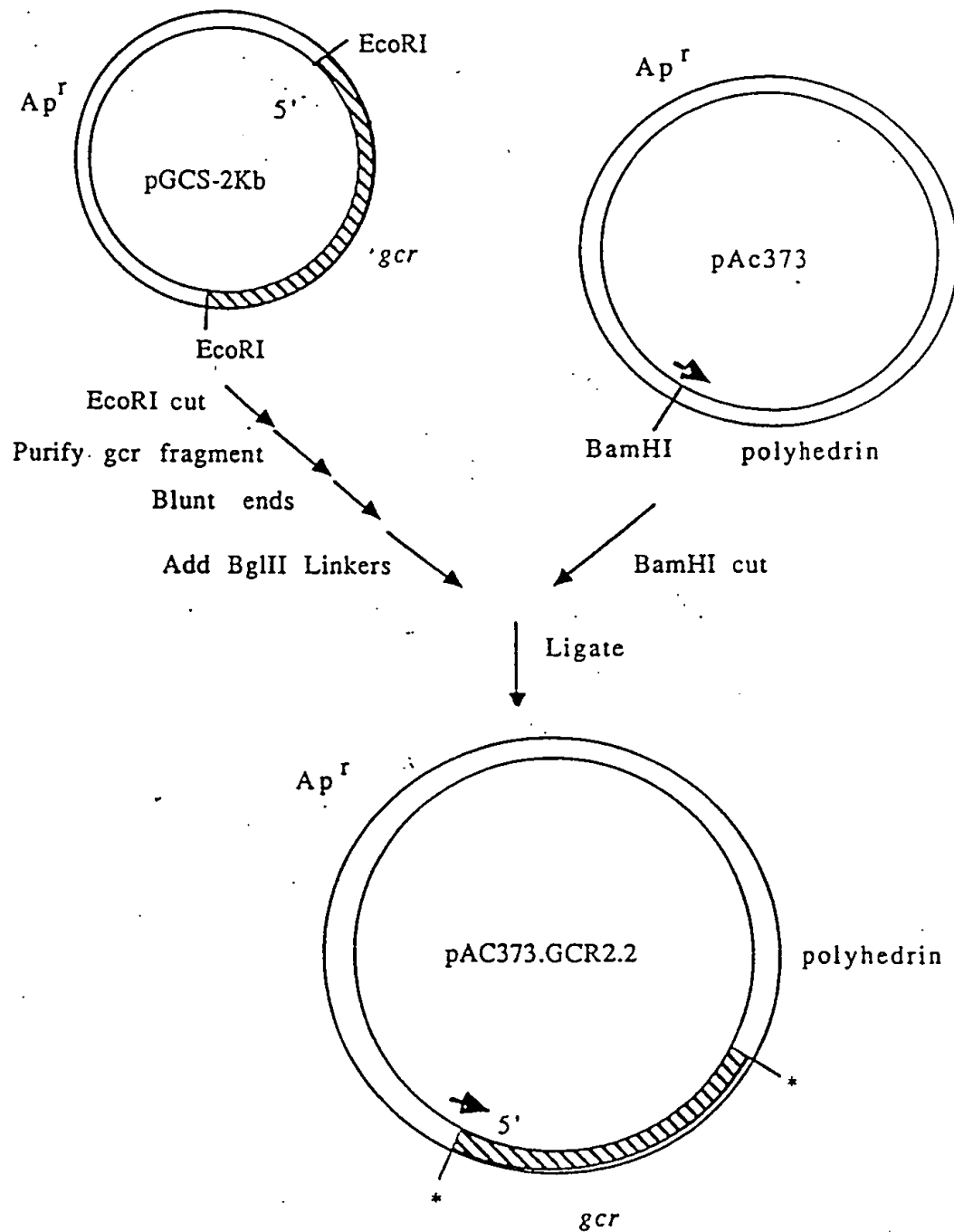


Fig. 6

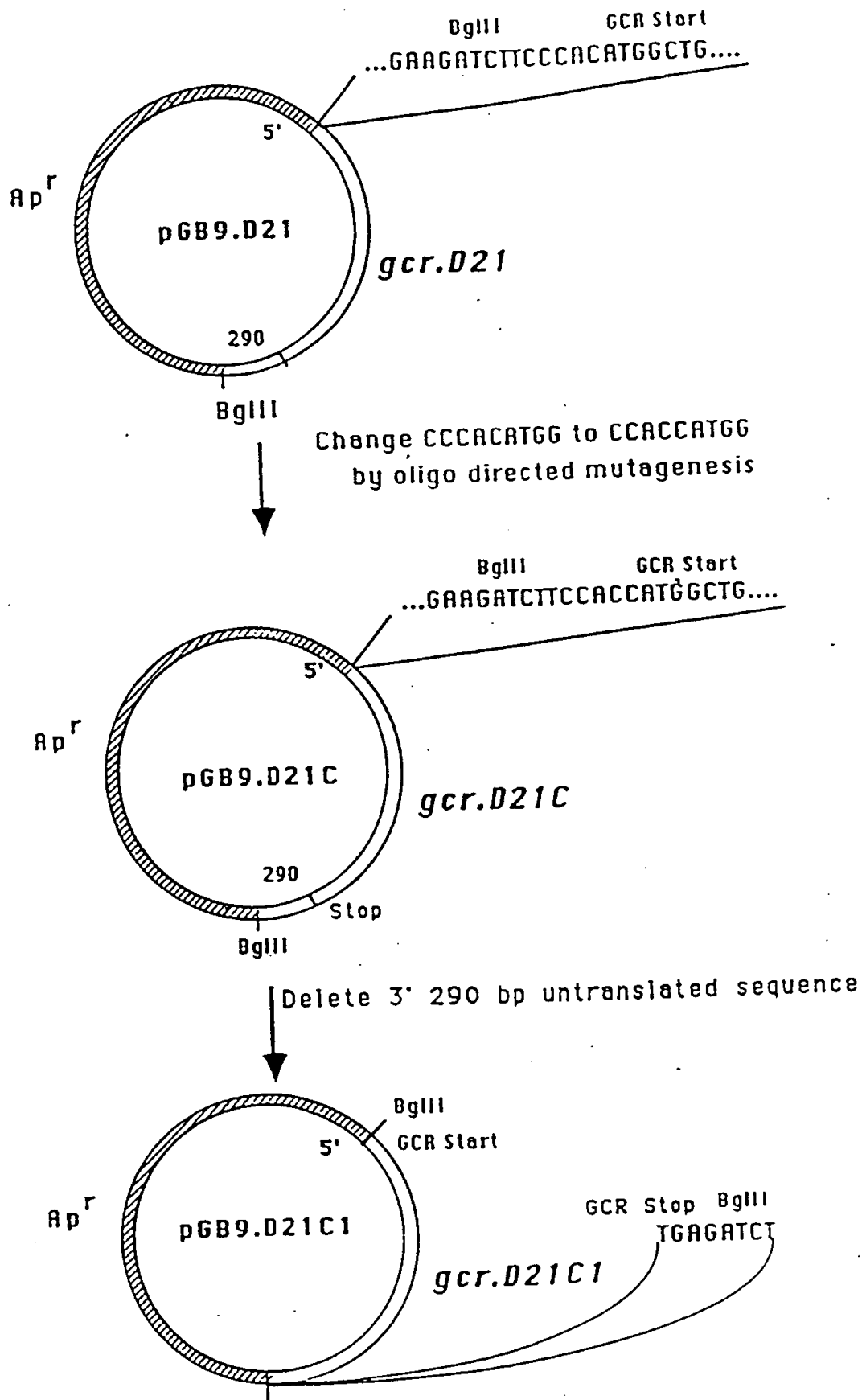
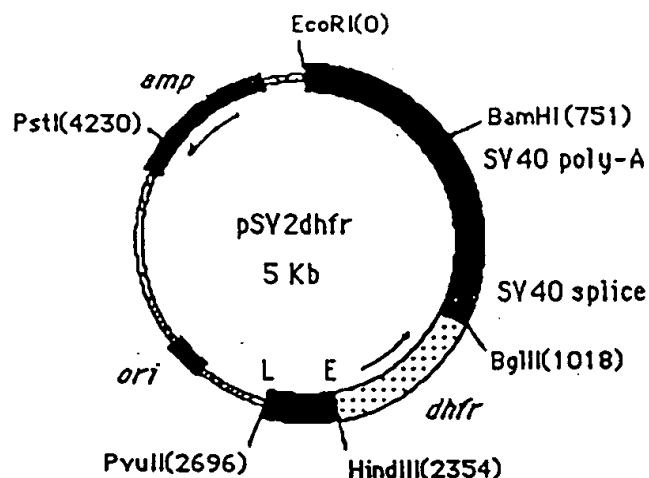
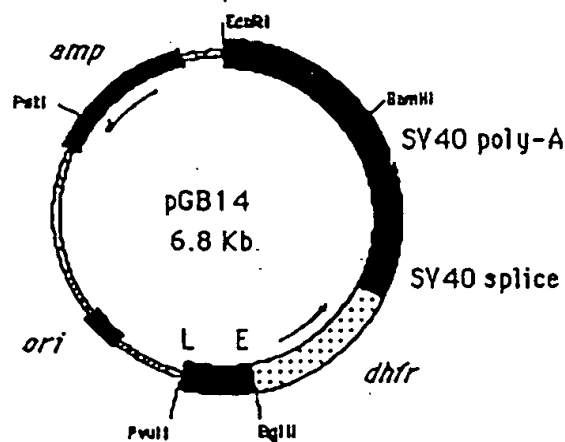


Fig. 7



Cut w/*Bgl*II and blunt ends w/T4 polymerase
 Recircularize with T4 ligase (ligate)
 Cut w/*Hind*III and blunt ends
 Ligate to *Bgl*II linkers
 Cut w/*Bgl*II and ligate to recircularize



Digest pGB9.D21C w/*Bgl*II
 Isolate fragment containing *gcr.D21C*

Cut w/*Bgl*II

Ligate

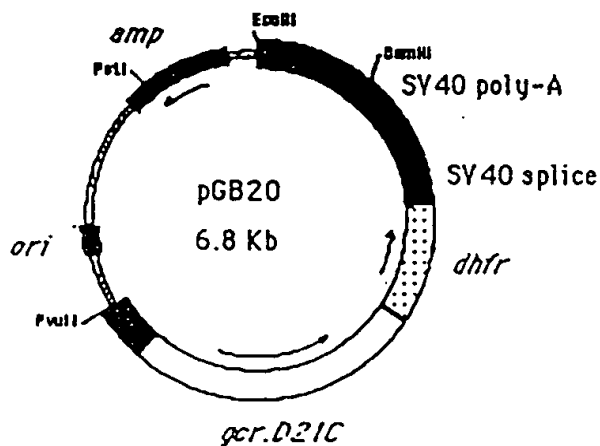
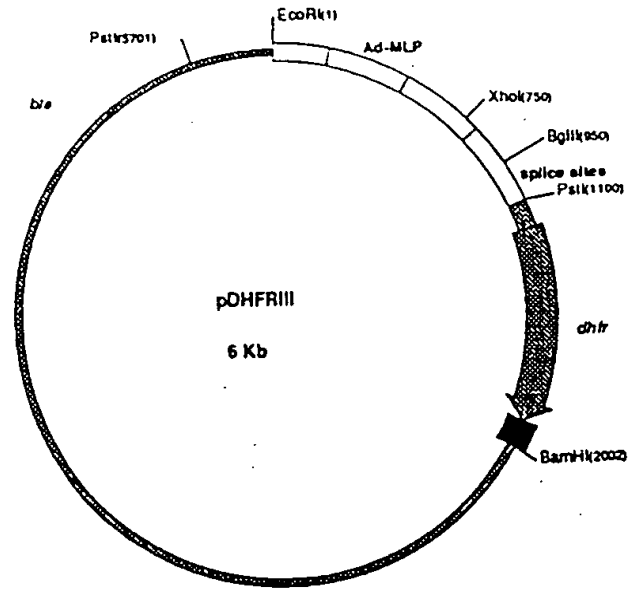
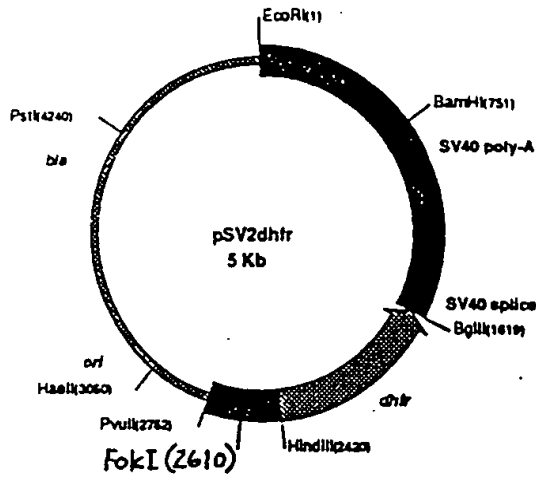


Fig. 8

pSV2dhfr Source
 1-988 SV40
 989-1619 SV40
 1620-2354 mu-dhfr
 2354-2696 SV40
 2696-4990 cBR322



Partial HaeII digest
 Blunt ends w/T4 polymerase
 PvuII digest and recircularize (ligate)
 Partial FokI digest
 Blunt ends
 BamHI digest

Isolate 2.9 Kb fragment
 containing *bla* and the
 SV40 enhancer

EcoRI digest
 Blunt ends
 BamHI digest

Isolate 2 Kb fragment
 containing Ad-MLP and
dhfr.

Ligate

EcoRI and BamHI digest
 Blunt ends and recircularize
 Change PstI cloning site
 to BamHI with a BamHI linker

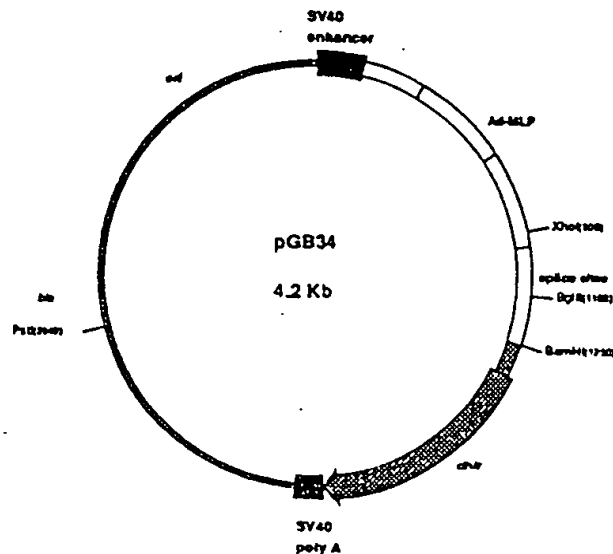
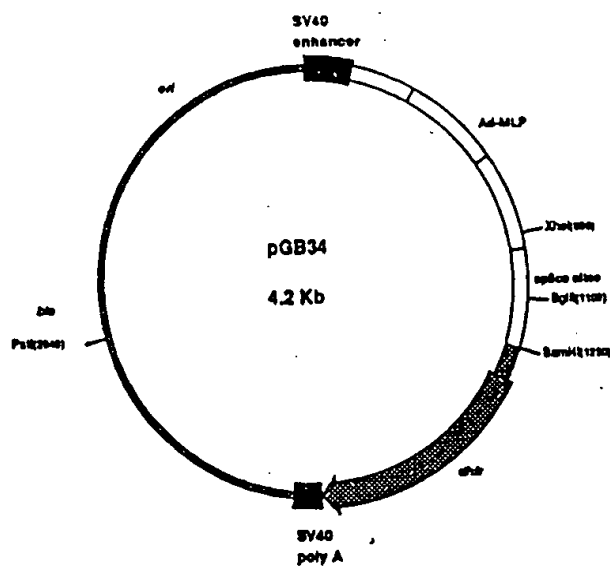


Fig. 9



pGB9.D21C1

BglII digest

Isolate 1.5 Kb fragment containing *gcr*

BamHI digest

Isolate 1.8 Kb fragment containing *gcr*

Ligate

Ligate

